

ABSTRACT

A working fluid is filled into a fine gap in a bearing unit while the working fluid is not mixed with air bubbles and droplets of the working fluid are not dispersed to the periphery through simple and easy steps. There is provided a working fluid injection apparatus for a fluid dynamic pressure bearing including: a cover member 35, which is mounted, in a contact state, on an upper surface 5a of a housing 5, in which a ring-shape open portion 11 is arranged upward which is formed in an opening portion 10a thereof and which forms, above the open portion 11, a reservoir portion 39 capable of storing a working fluid 2; a chamber 14 that sealably holds a bearing unit 6 onto which the cover member 35 is mounted; a valve device which opens/closes an internal space of the chamber 14 with respect to an external space thereof; an exhaust device which exhausts air in the internal space of the chamber 14 to obtain a decompressed state; and a dispenser which drops the working fluid 2 to the reservoir portion 39 in the chamber 14 in the decompressed state.